

ROBERT E. BUSINELL†

JOSEPH G. SEEBER*
MATTHEW J. LESTINA‡
RYADVINDER S. SAHOTA‡
JONG H. PARK‡
FRANK J. DYND‡

OF COUNSEL
RICHARD H. STERN®
HENRY M. ZYKORIE

MICHAEL D. PARKER
(REG. PATENT AGENT)

† ADMITTED IN MARYLAND
* ADMITTED IN VIRGINIA
‡ ADMITTED IN NEW YORK
® ADMITTED IN CONNECTICUT
‡ ADMITTED IN NEW JERSEY
* NOT ADMITTED IN D.C.

R. E. BUSHNELL

ATTORNEY AT LAW

1522 K STREET, N.W., SUITE 300
WASHINGTON, D.C. 20005-1202
UNITED STATES OF AMERICA

16 March 2004

INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 408-9040
FACSIMILE (202) 289-7100
FACSIMILE (202) 628-3835
FACSIMILE (410) 747-0022
E-MAIL: REBUSHNELL@AOL.COM

- U.S. Postal Service
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Mail Stop Patent Application
Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Attorney Docket: P57003

Sir:

Submitted herewith is the following patent application:

Inventor: KI-SEON YANG

Title: CONFIGURING DIRECTION-BASED CORE BASED TREE
(CBT) FOR CBT-BASED OVERLAY MULTICAST

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 18 sheets, Figures 1A through 17B

Claim of priority under 35 U.S.C. §119: YES

** The Republic Of Korea Application No. 2003-19718 filed 28 March 2003

FEE (see formula below): CHECKS ENCLOSED (#45408, 45409)

Basic Fee \$385/770 \$770.00

Additional Fees:

Total number of claims in excess of 20: ____ times \$9/18 . \$0.00

Number of independent claims in excess of 3: ____ times \$43/86 \$0.00

Multiple Dependent Claims \$145/290 \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 .. \$40.00

Filing Non-English specification \$0.00

TOTAL FEES FOR THE ABOVE APPLICATION **\$810.00**

17354 U.S. PTO
10/800775
031604

Commissioner for Patents
16 March 2004
Page Two

Docket No.: P57003

Inventor: **KI-SEON YANG**

Title: **CONFIGURING DIRECTION-BASED CORE BASED TREE
(CBT) FOR CBT-BASED OVERLAY MULTICAST**

The Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the issue fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005-1202

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
Payor No.: 008-439
Attorney for the Applicant
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005-1202

Telephone: (202) 408-9040
Telefacsimile: (202) 289-7100

REB/kf

031604
13281

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. PATENT AND TRADEMARK OFFICE
FEES TRANSMITTAL

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 810.00)

Complete If Known	
Application Number	to be assigned
Filing Date	16 March 2004
First Named Inventor	KI-SEON YANG
Examiner Name	to be assigned
Group/Art Unit	to be assigned
Attorney Docket No.	P57003

METHOD OF PAYMENT (check one)1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943

Deposit Account Number: _____

 Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Applicant claims small entity status. See 37 CFR 1.272. Payment Enclosed:

(CHECKS #45408 & #45409)

 Check Credit Card Money Order Other**FEE CALCULATION**

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$
SUBTOTAL (1)		(\$ 770.00)			

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total claims	-20** =	x	=
Independent Claims	- 3** =	x	=

Multiple Dependent =

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1305	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0.00)		

Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65 Surcharge-late filing fee or oath	\$
1052	50	2052 25 Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053 130 Non-English specification	\$
1812	2,520	1812 2,520 For filing a request for reexamination	\$
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	\$
1251	110	2251 55 Extension for reply within first month	\$
1252	420	2252 210 Extension for reply within second month	\$
1253	950	2253 475 Extension for reply within third month	\$
1254	1,480	2254 740 Extension for reply within fourth month	\$
1255	2,010	2255 1,005 Extension for reply within fifth month	\$
1401	330	2401 165 Notice of Appeal	\$
1402	330	2402 165 Filing a brief in support of an appeal	\$
1403	290	2403 145 Request for oral hearing	\$
1451	1,510	1451 1,510 Petition to institute a public use proceeding	\$
1452	110	2452 55 Petition to revive - unavoidable	\$
1453	1,330	2453 665 Petition to revive - unintentional	\$
1501	1,330	2501 665 Utility issue fee (or reissue)	\$
1502	480	2502 240 Design issue fee	\$
1503	640	2503 320 Plant issue fee	\$
1460	130	1460 130 Petitions to the Commissioner	\$
1807	50	1807 50 Processing fee for provisional applications	\$
1806	180	1806 180 Submission of Information Disclosure Statement	\$
8021	40	8021 40 Recording each patent assignment per property (Times number of properties)	\$40.00
1809	770	2809 385 Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810 385 For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801 385 Request for Continued Examination (RCE)	\$
Other Fee (specify) _____			
Other Fee (specify) _____			
** Reduced by Basic Filing Fee Paid			SUBTOTAL (3) \$40.00

SUBMITTED BY**Complete (if applicable)**

Typed or Printed Name	Robert E. Bushnell, Esq.		Reg. Number	27,774
Signature		Date	16 March 2004	Deposit Account User ID

REB/kf

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